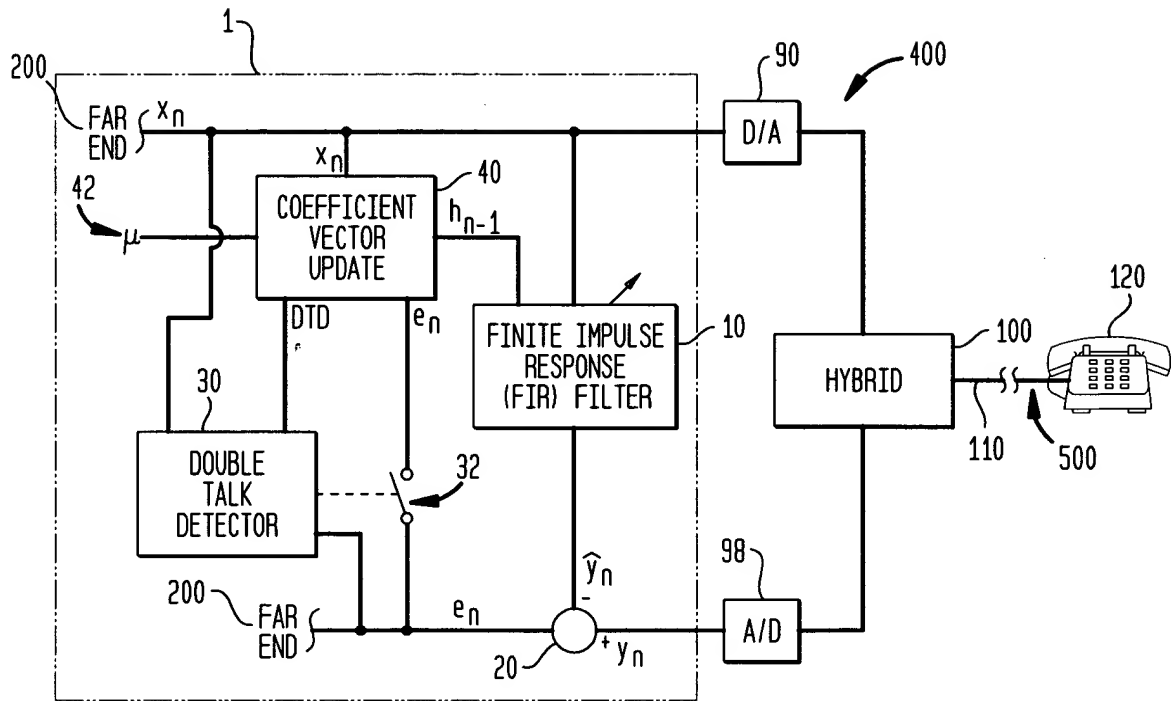




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FIG. 1



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FIG. 2

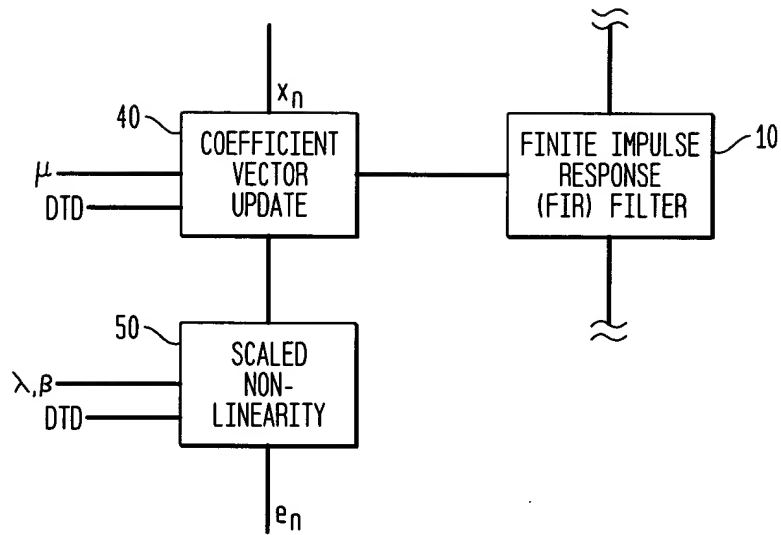
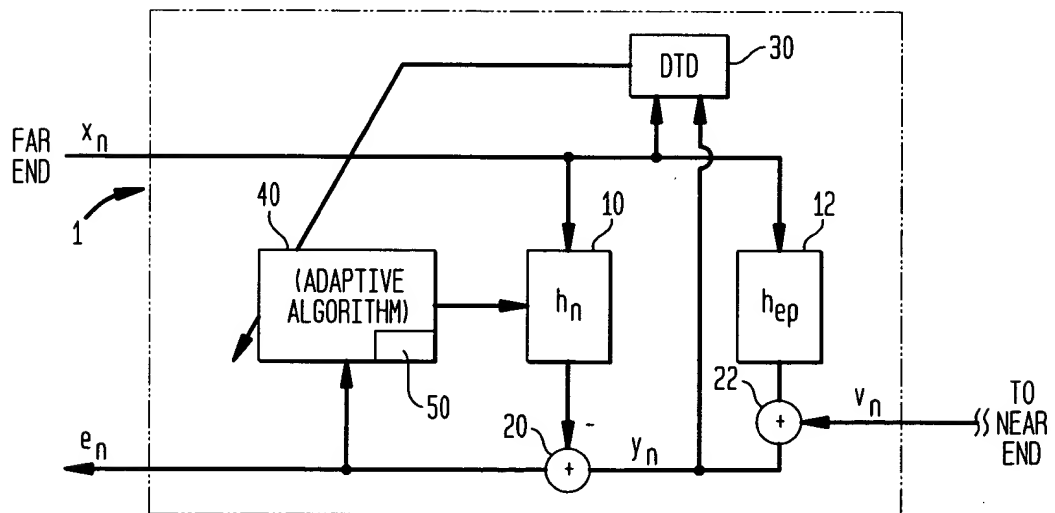
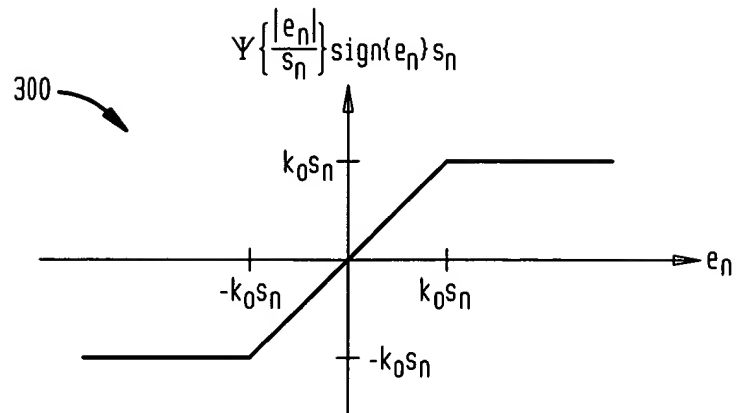


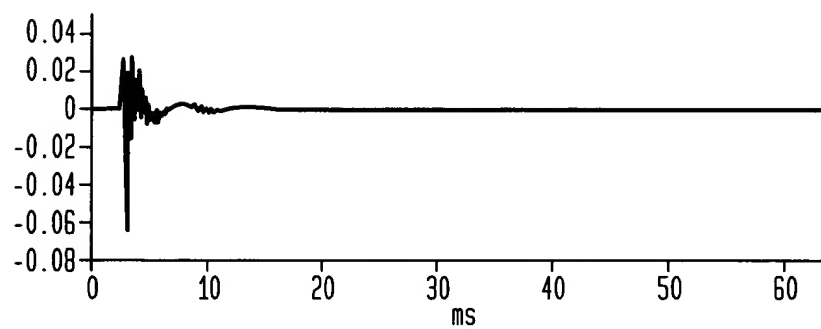
FIG. 3



**FIG. 4****FIG. 5**

EQUATION	INSTRUCTIONS/SAMPLE	MEMORY LOC.
$\min( e_n , s_n) \text{sign}(e_n)$	3	2
$s_{n+1} = \lambda s_n + \frac{k_0(1-\lambda)}{\beta} \min( e_n , s_n)$	4	2
TOTAL	7	4

*FIG. 6A*



*FIG. 6B*

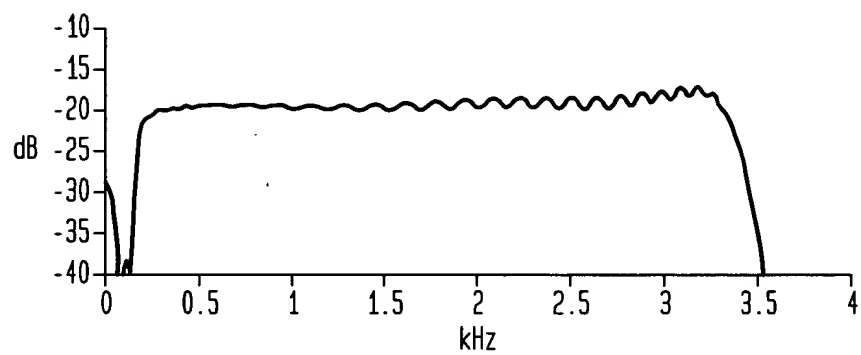


FIG. 7A

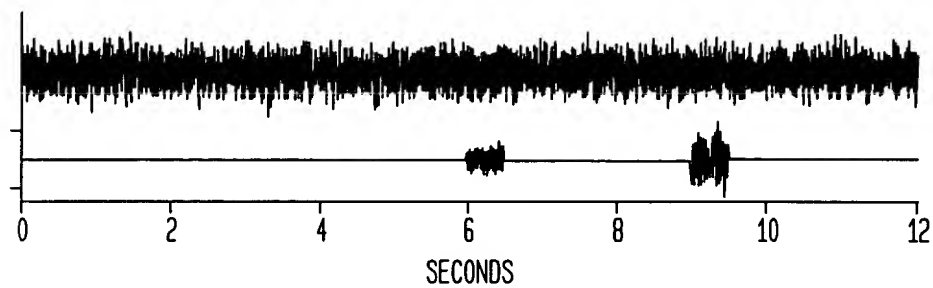


FIG. 7B

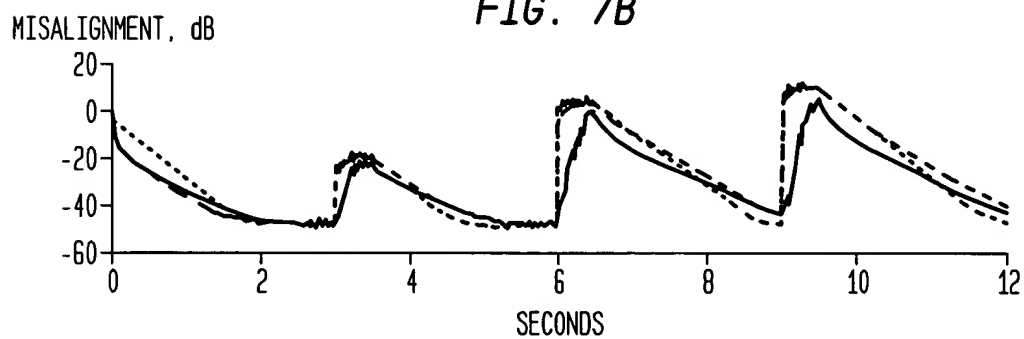
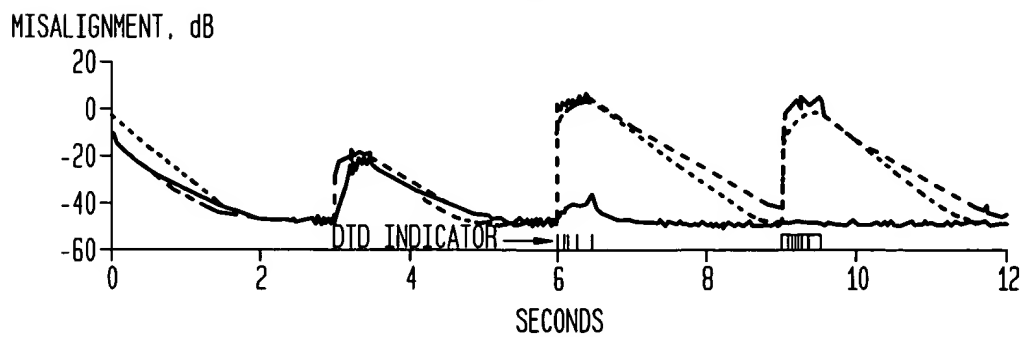
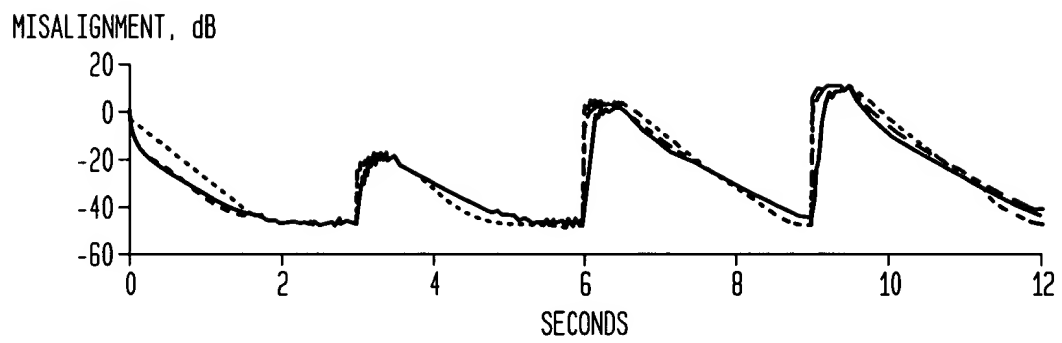


FIG. 7C



*FIG. 8A*



*FIG. 8B*

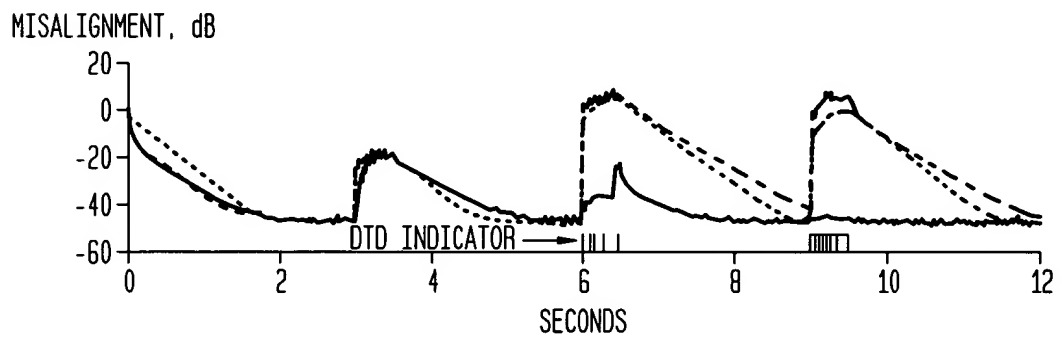


FIG. 9A

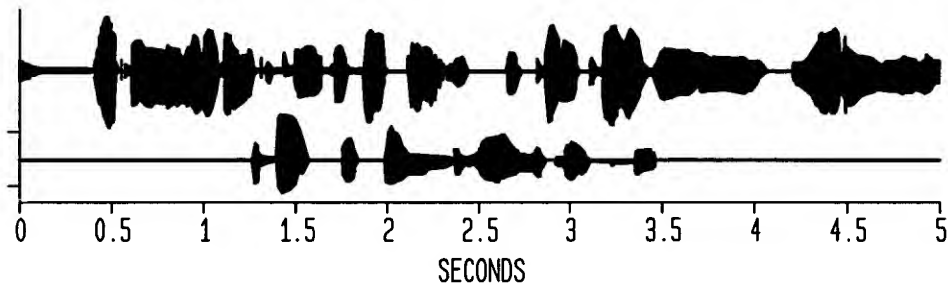


FIG. 9B

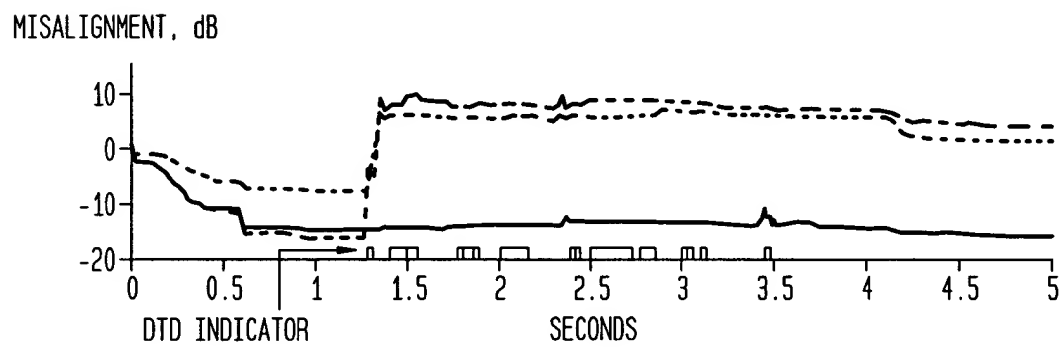
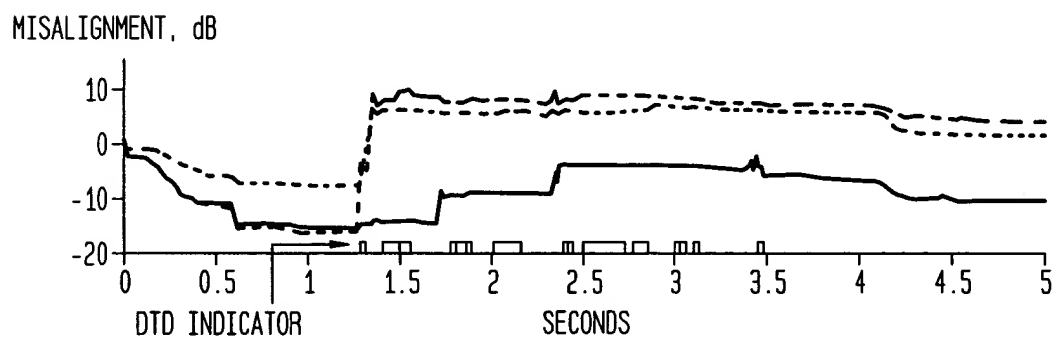
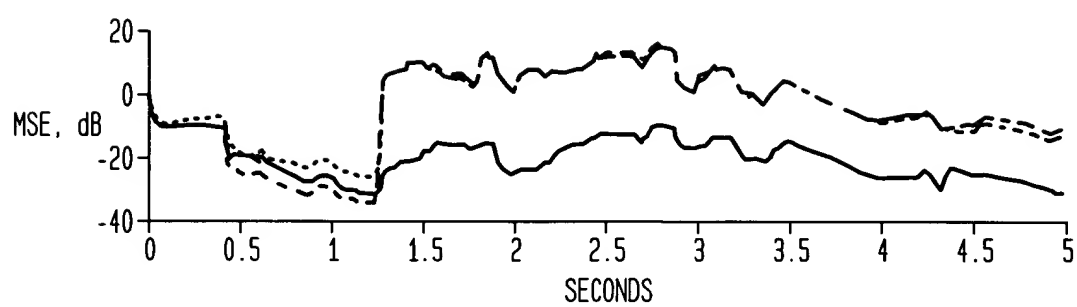


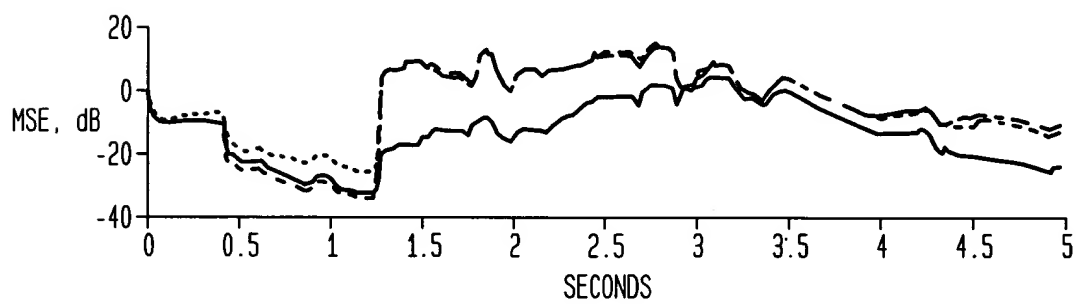
FIG. 9C



*FIG. 10A*

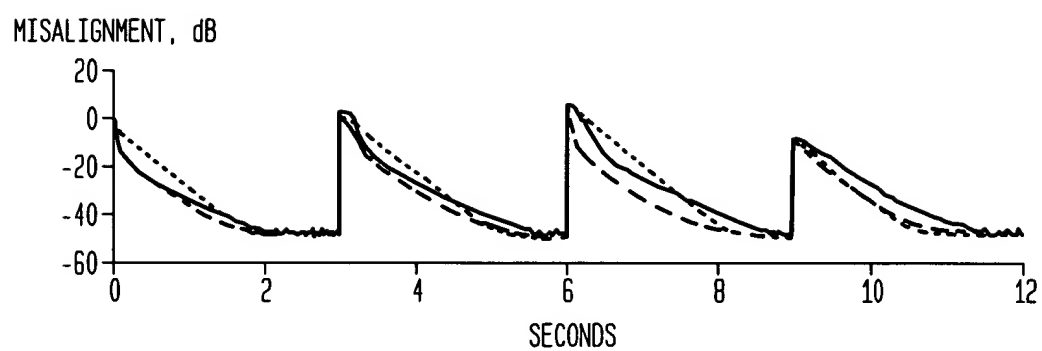


*FIG. 10B*





*FIG. 11A*



*FIG. 11B*

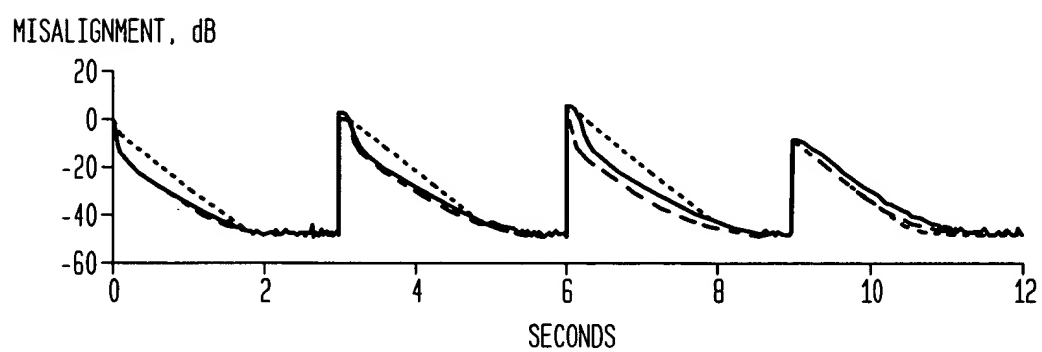


FIG. 12A

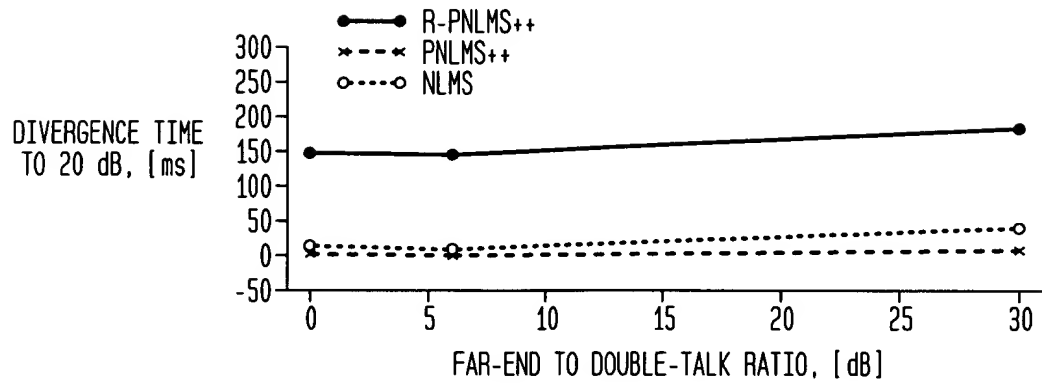


FIG. 12B

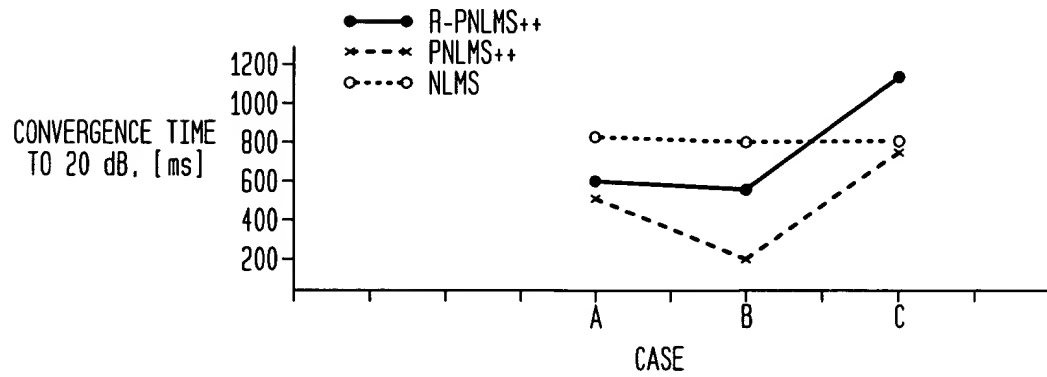


FIG. 13A

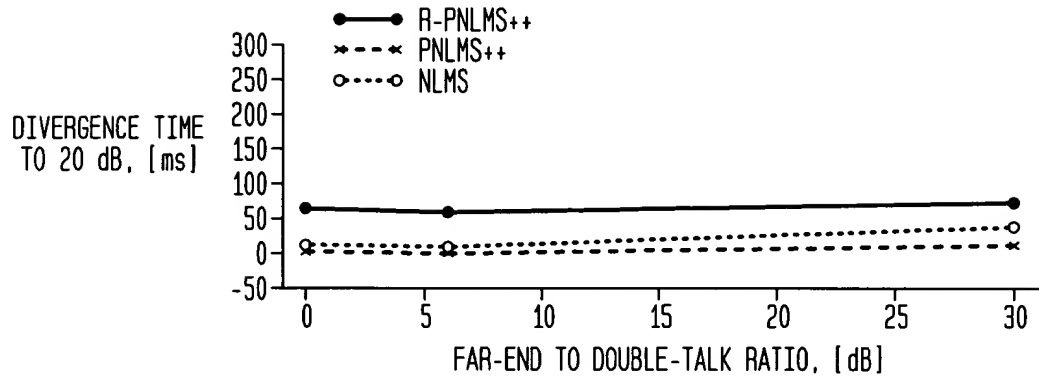
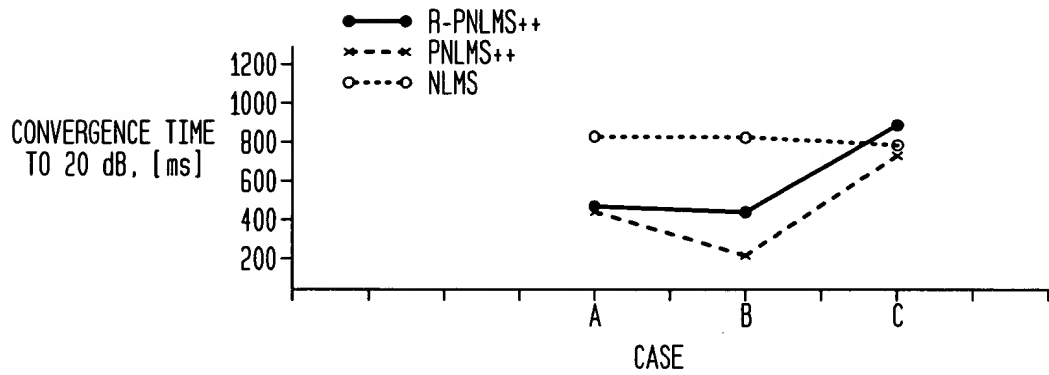
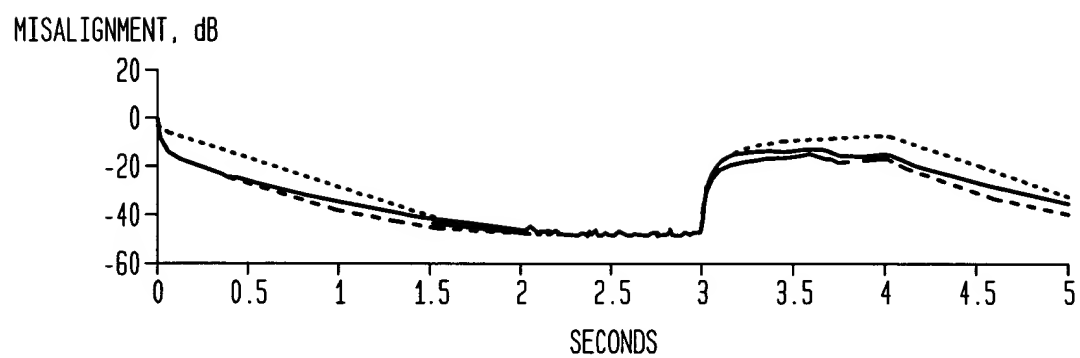


FIG. 13B

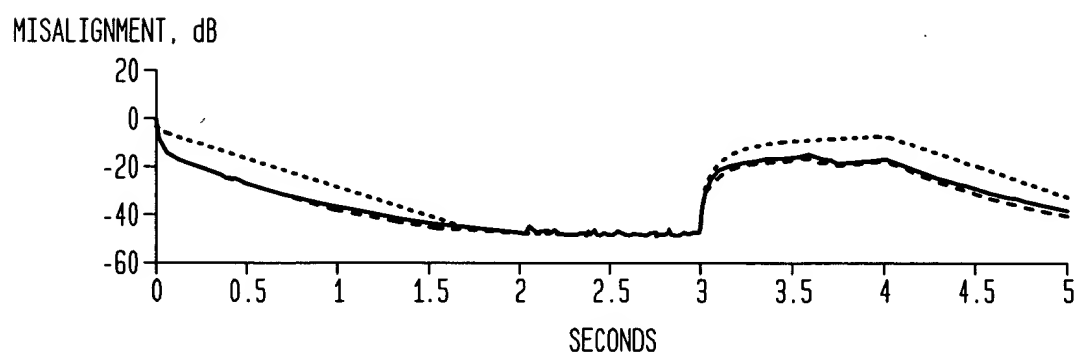


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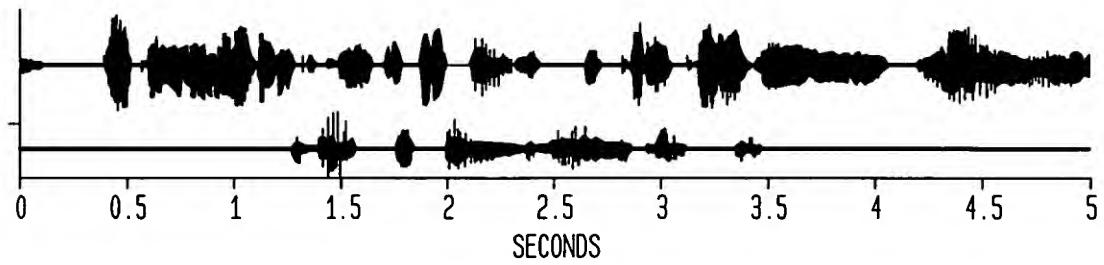
**FIG. 14A**



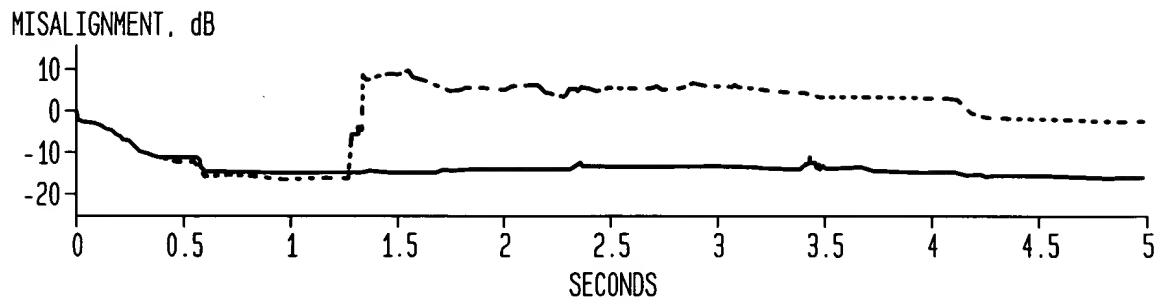
**FIG. 14B**



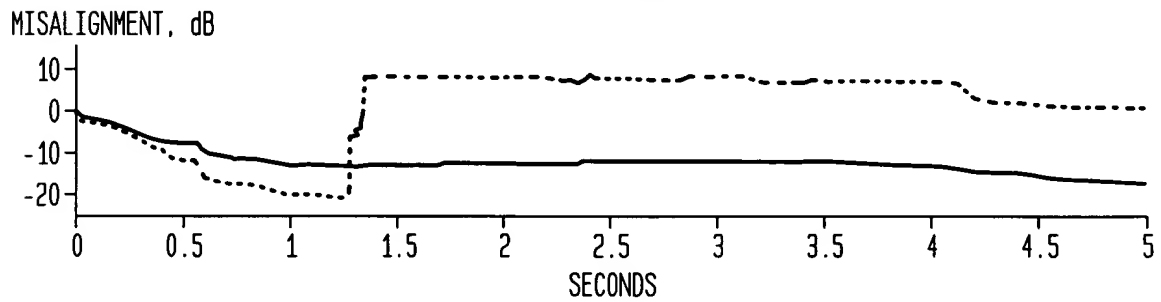
**FIG. 15A**



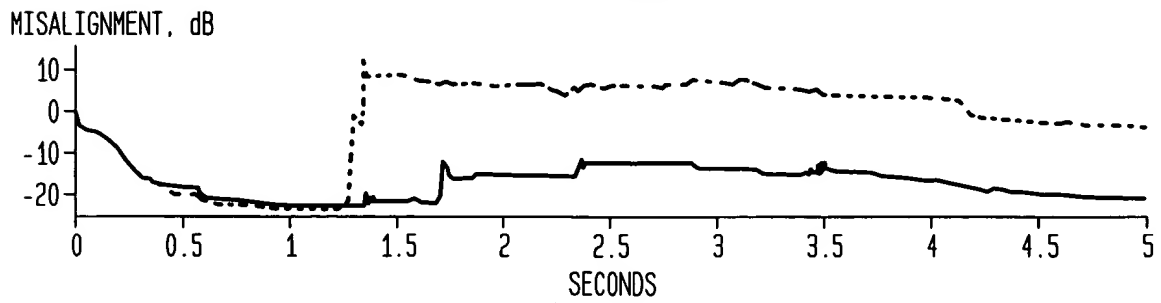
**FIG. 15B**



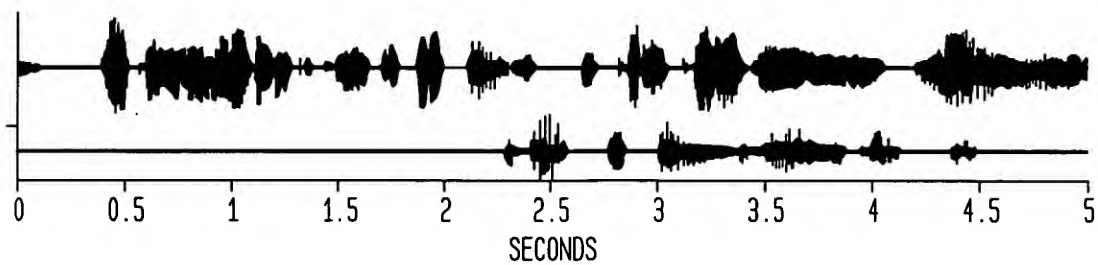
**FIG. 15C**



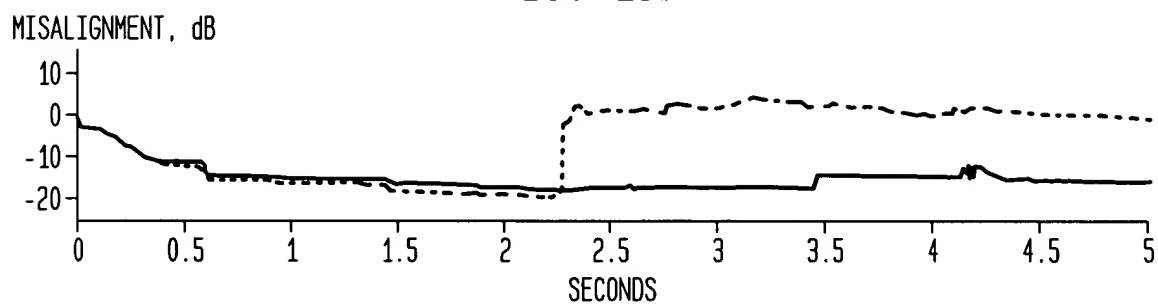
**FIG. 15D**



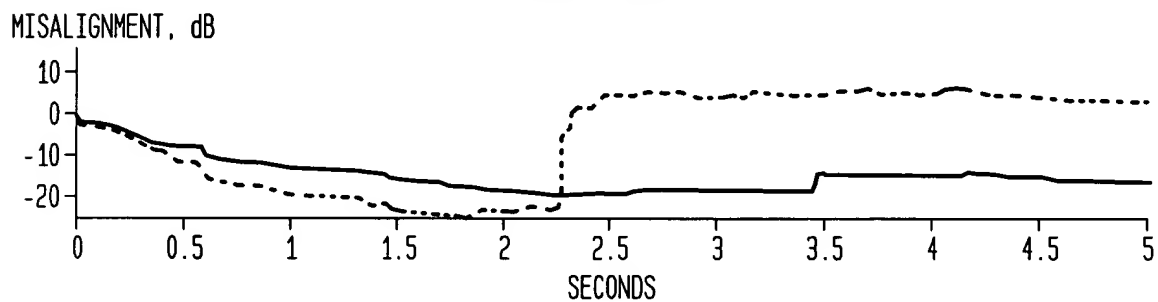
*FIG. 16A*



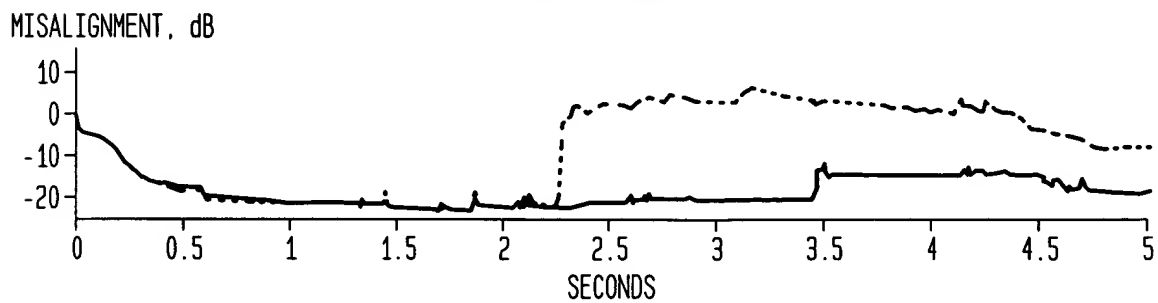
*FIG. 16B*



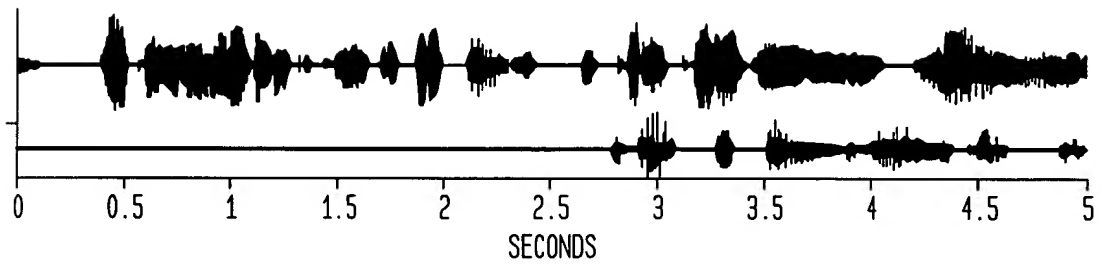
*FIG. 16C*



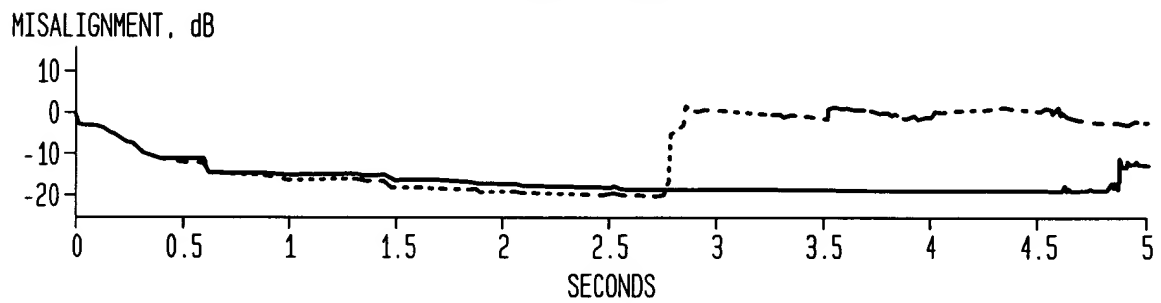
*FIG. 16D*



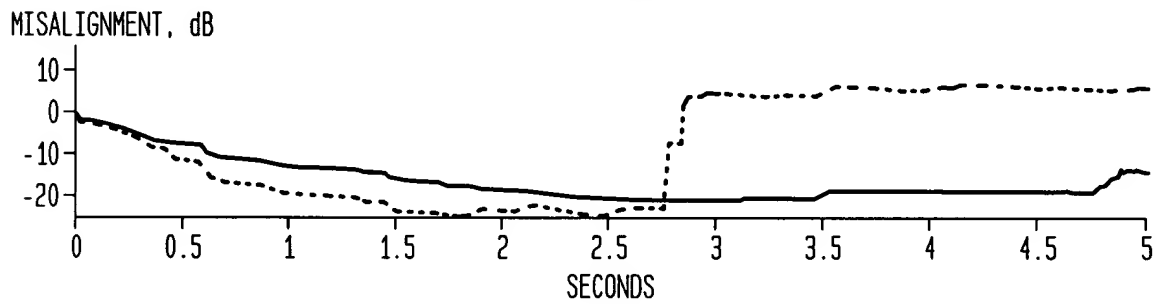
*FIG. 17A*



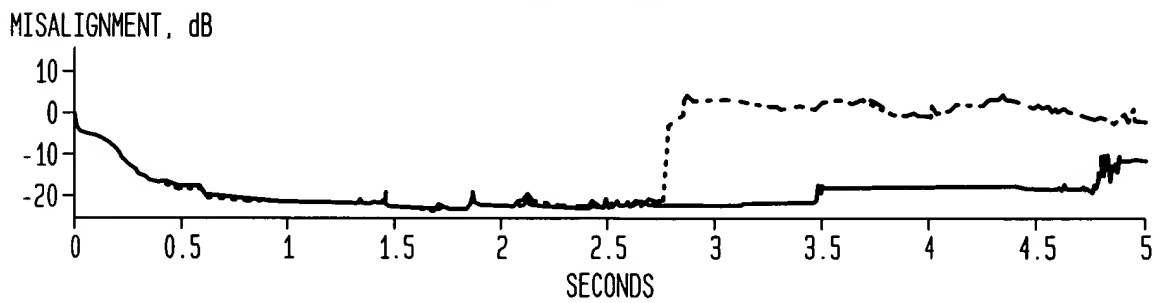
*FIG. 17B*



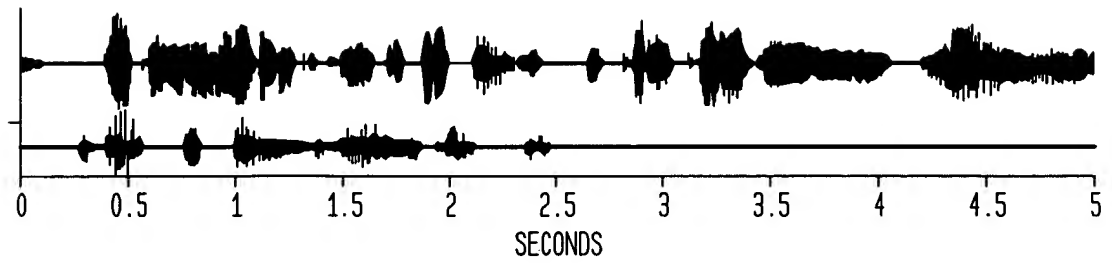
*FIG. 17C*



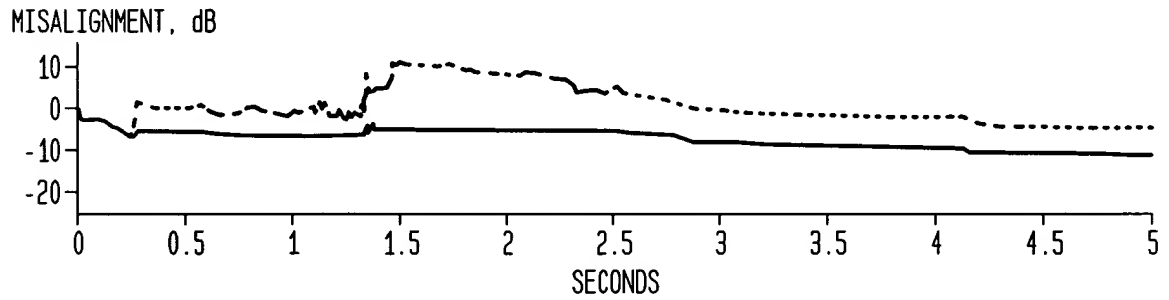
*FIG. 17D*



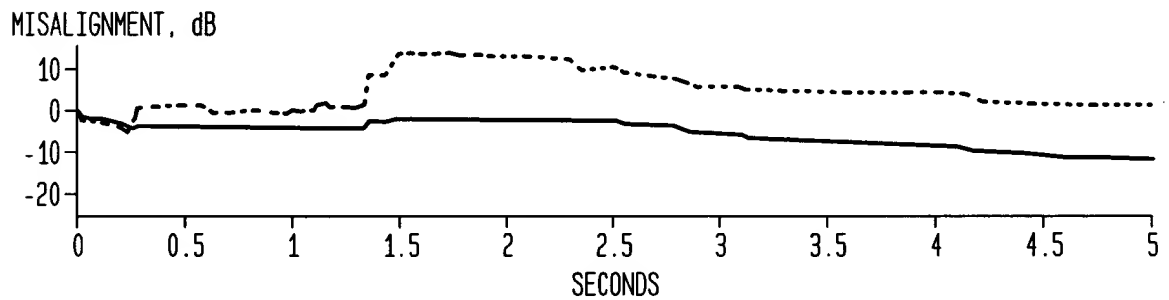
*FIG. 18A*



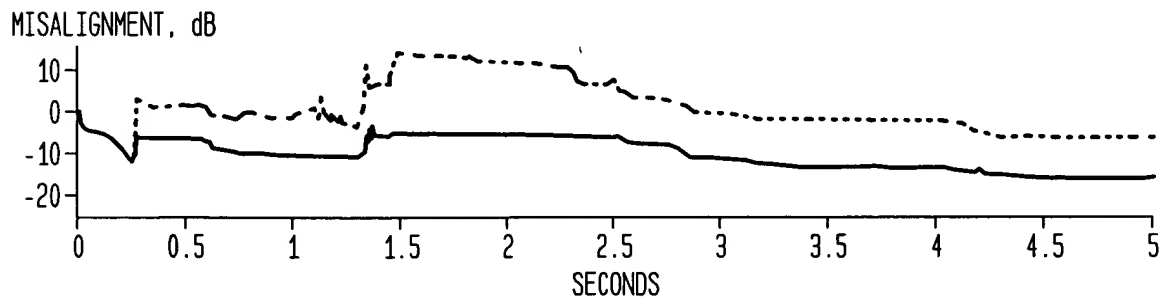
*FIG. 18B*



*FIG. 18C*

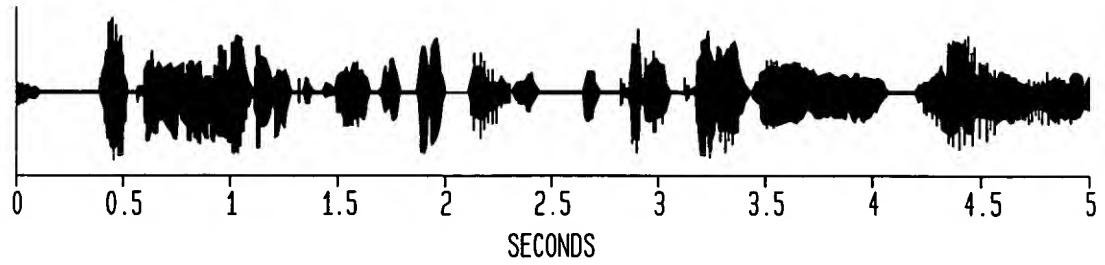


*FIG. 18D*

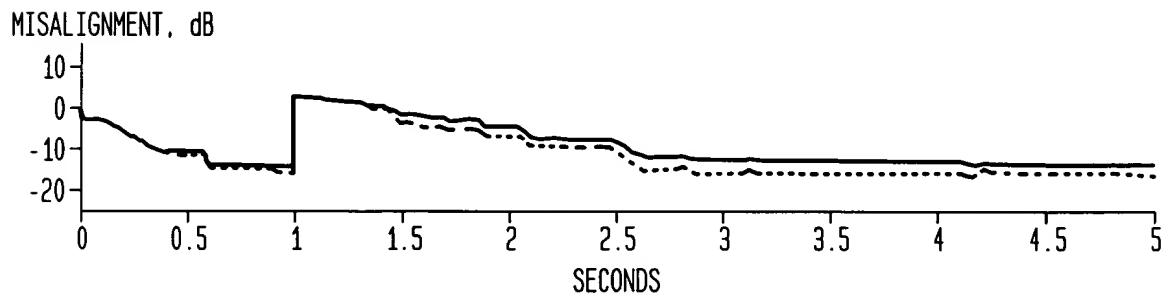




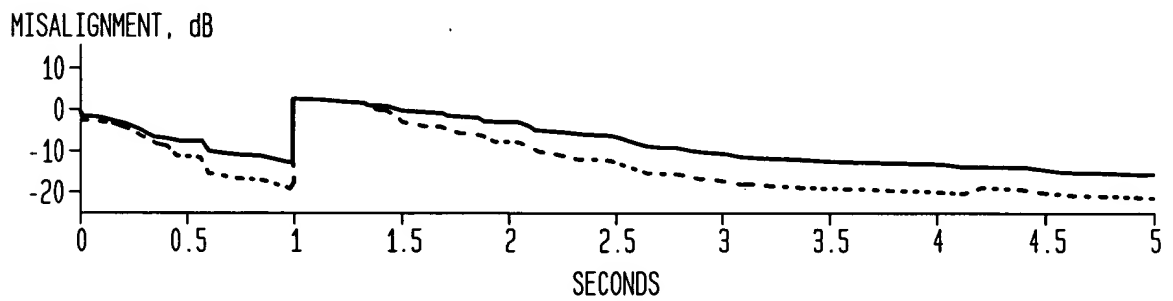
**FIG. 19A**



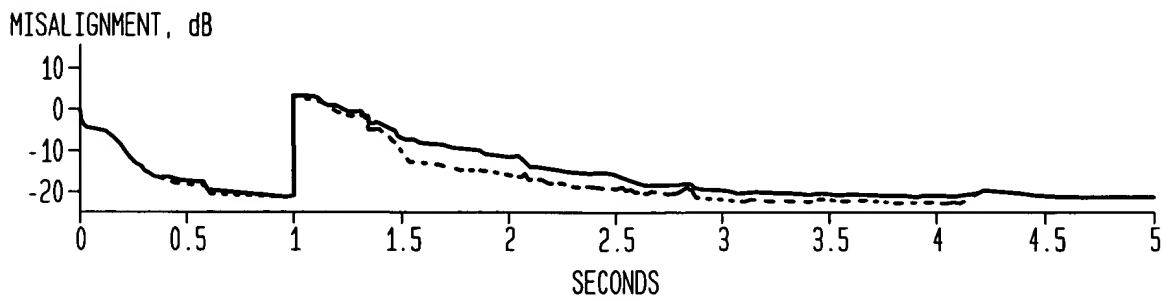
**FIG. 19B**



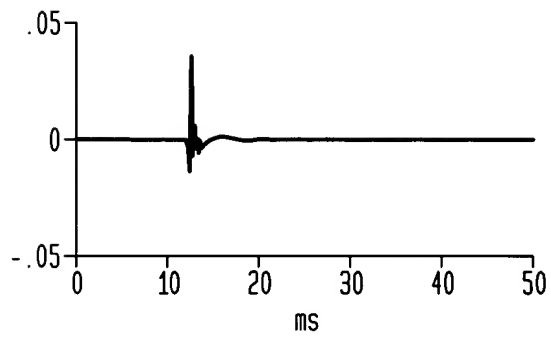
**FIG. 19C**



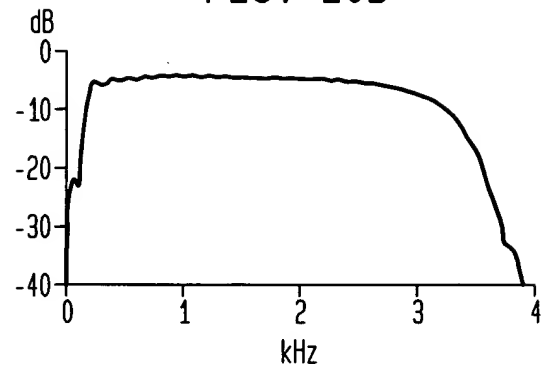
**FIG. 19D**



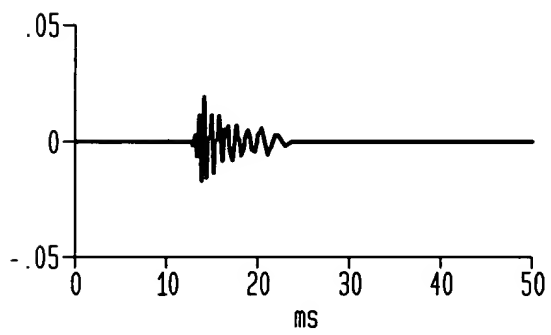
**FIG. 20A**



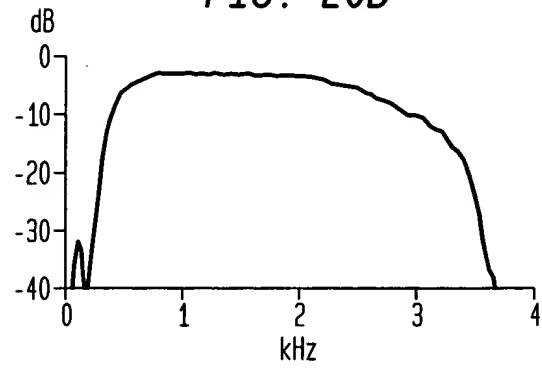
**FIG. 20B**



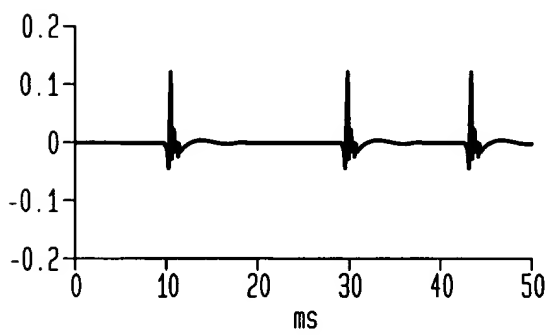
**FIG. 20C**



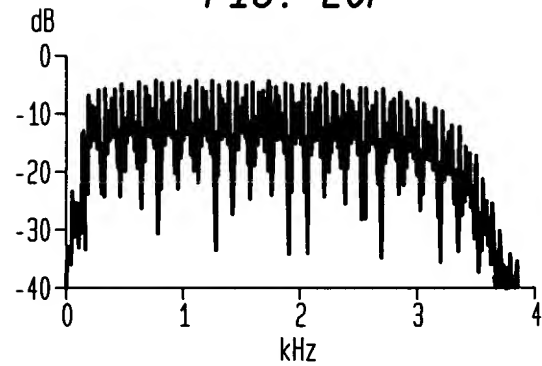
**FIG. 20D**



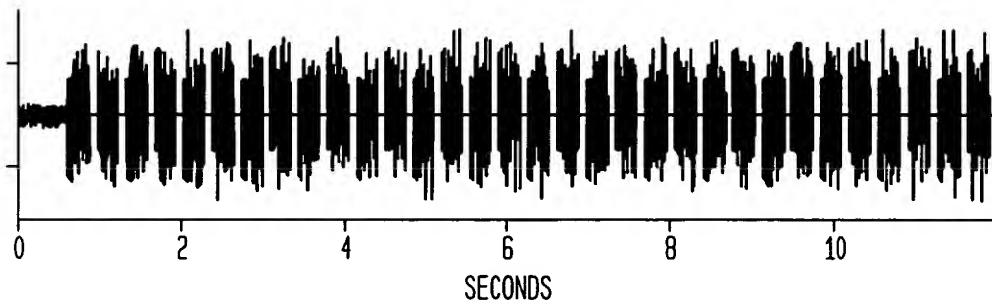
**FIG. 20E**



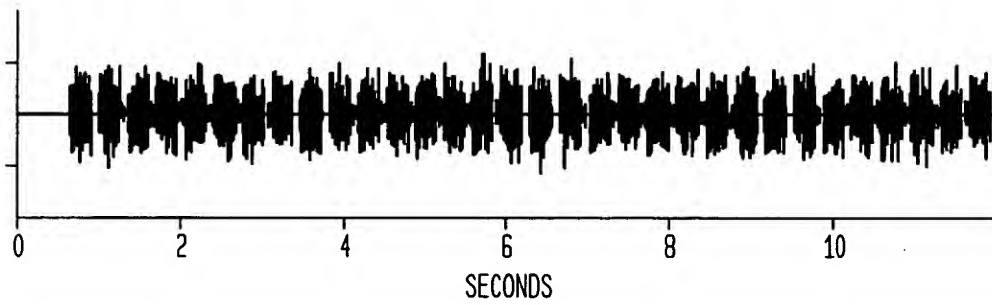
**FIG. 20F**



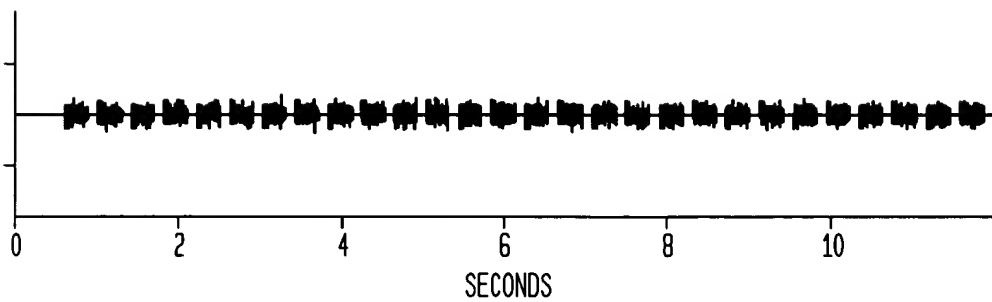
*FIG. 21A*



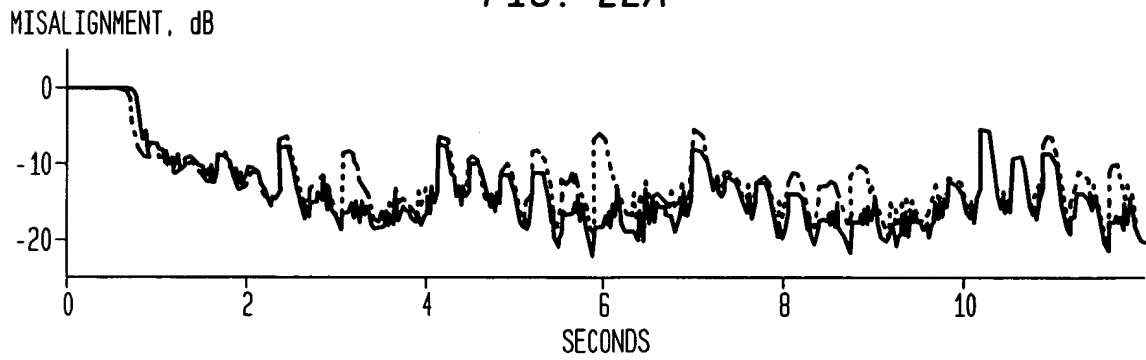
*FIG. 21B*



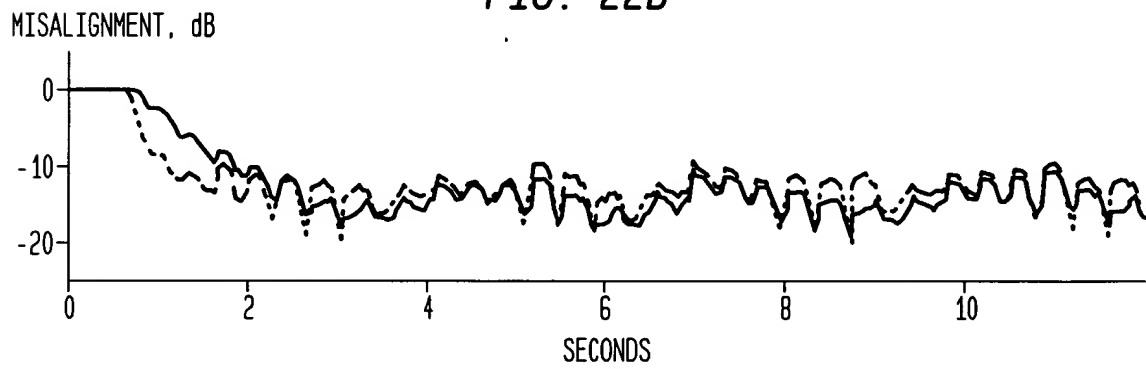
*FIG. 21C*



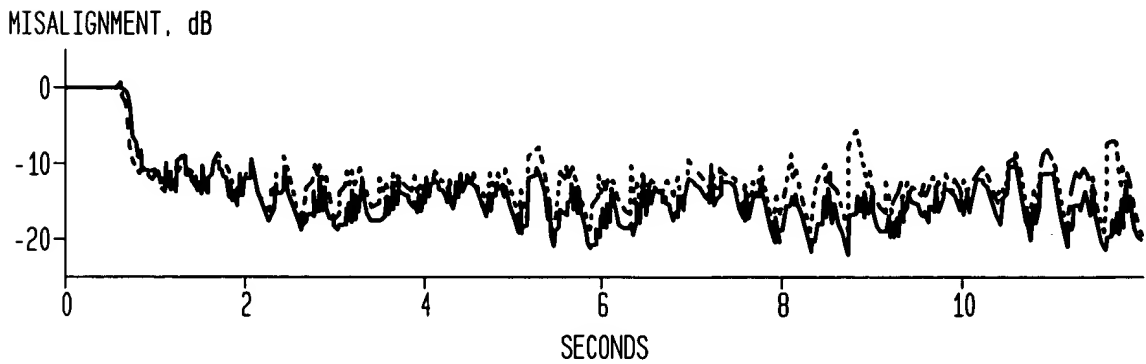
*FIG. 22A*



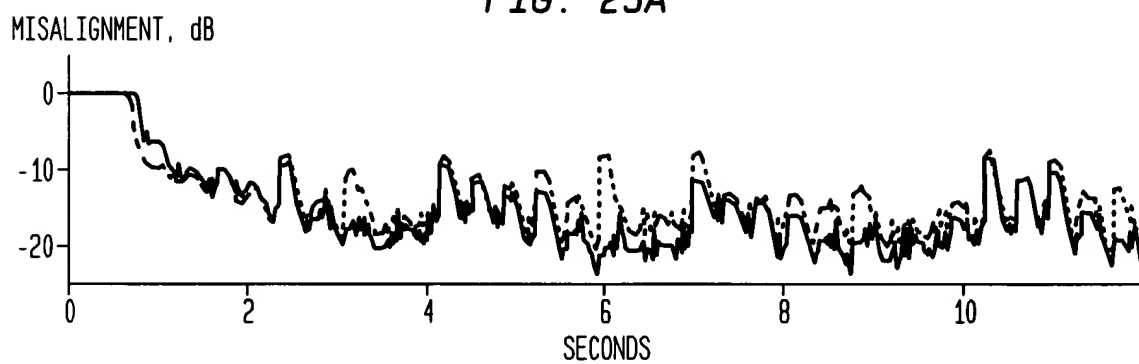
*FIG. 22B*



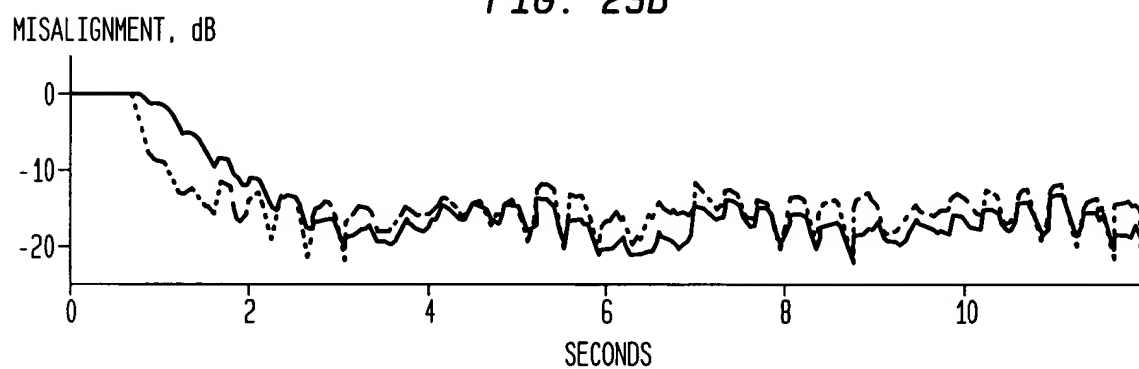
*FIG. 22C*



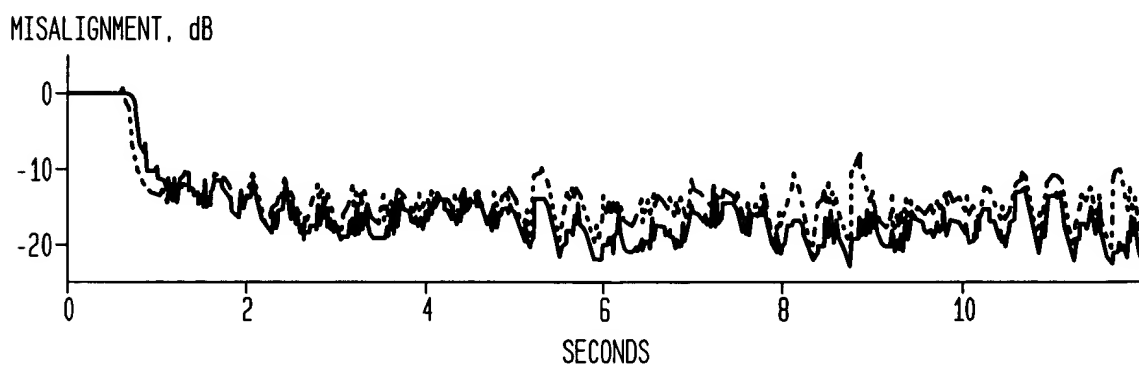
*FIG. 23A*



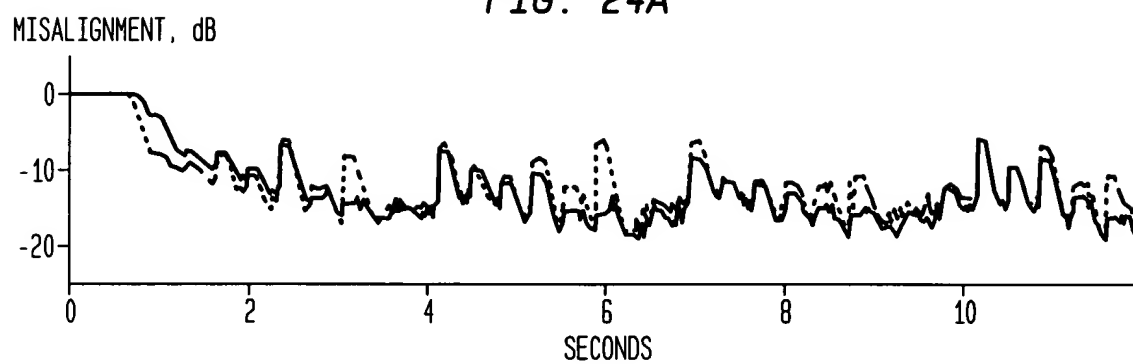
*FIG. 23B*



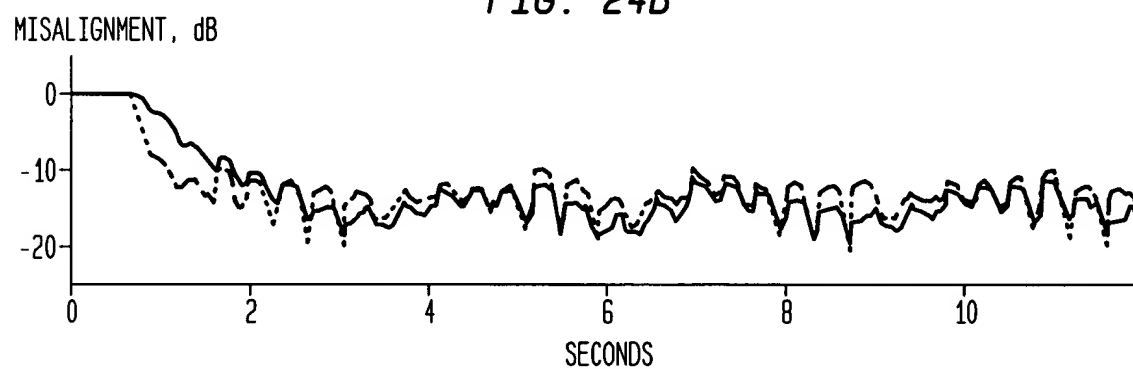
*FIG. 23C*



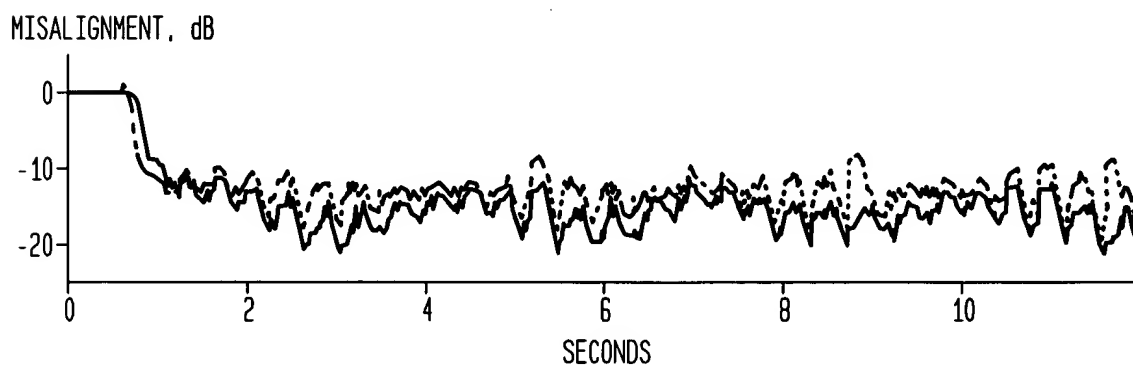
**FIG. 24A**



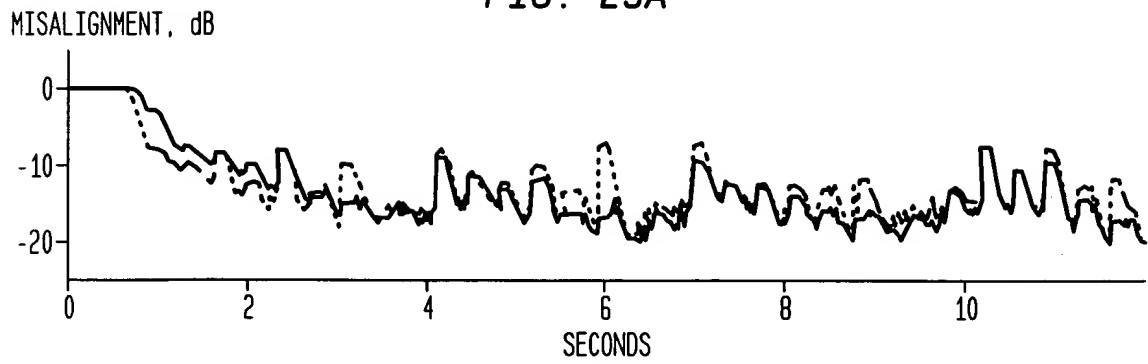
**FIG. 24B**



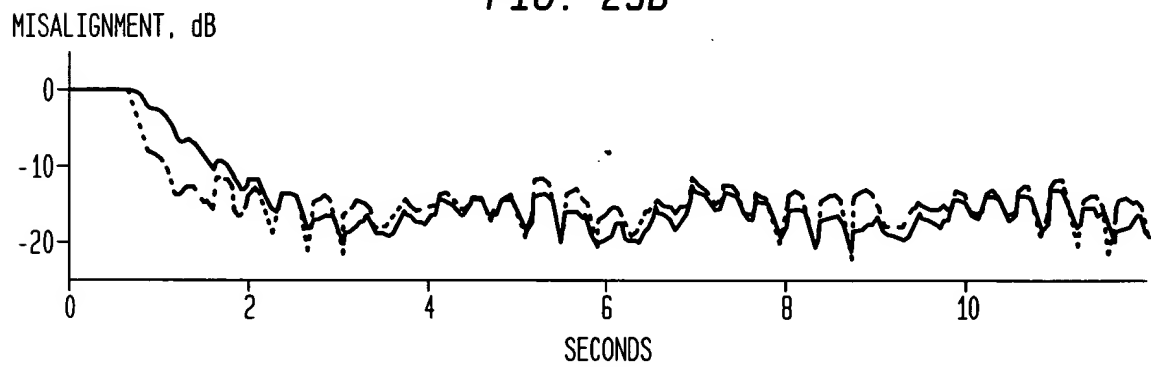
**FIG. 24C**



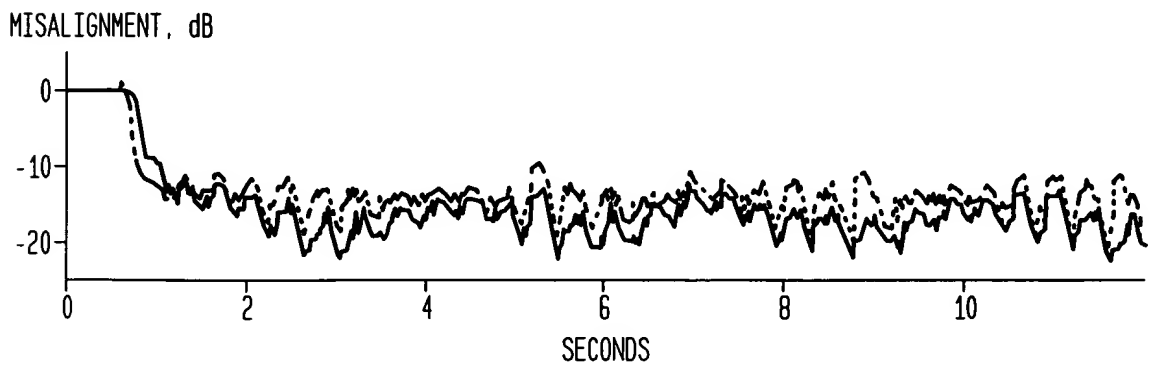
*FIG. 25A*



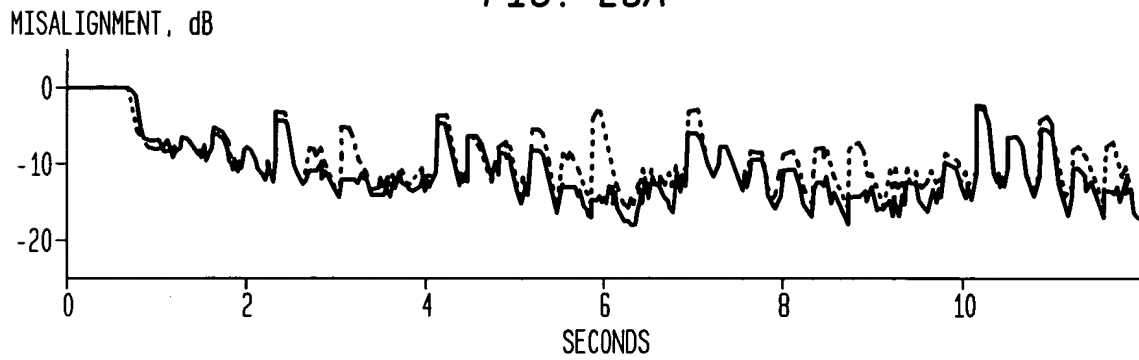
*FIG. 25B*



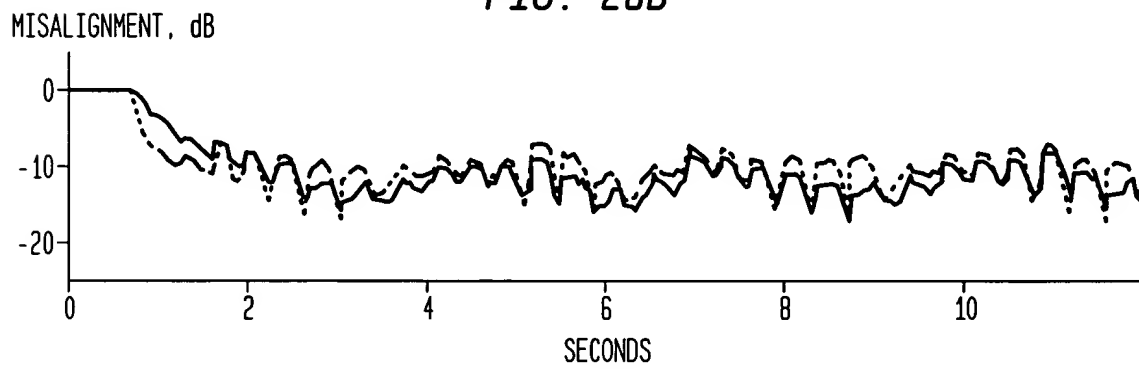
*FIG. 25C*



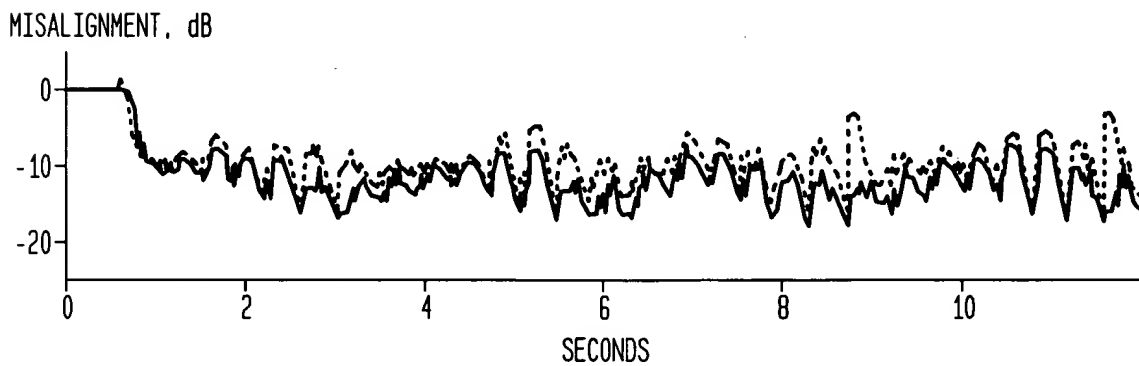
**FIG. 26A**



**FIG. 26B**

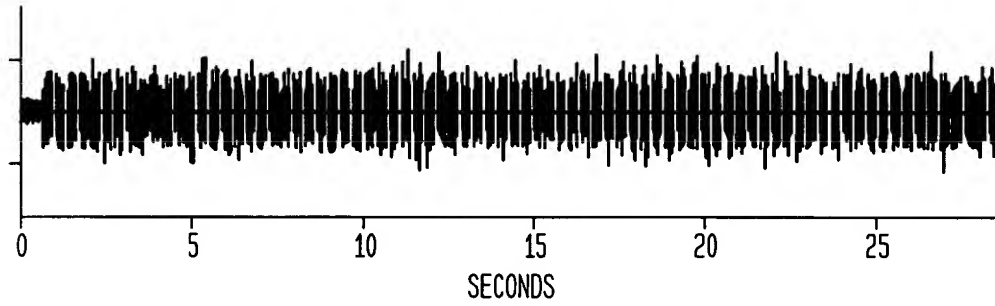


**FIG. 26C**

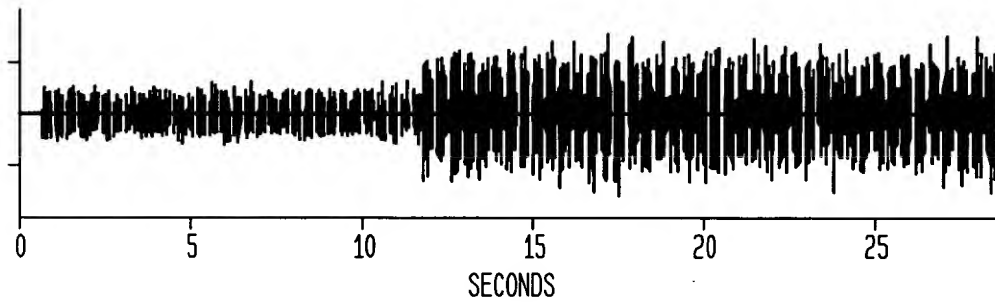




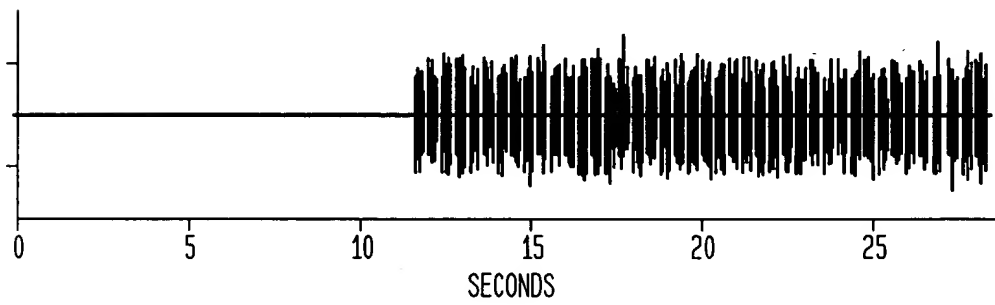
*FIG. 27A*



*FIG. 27B*

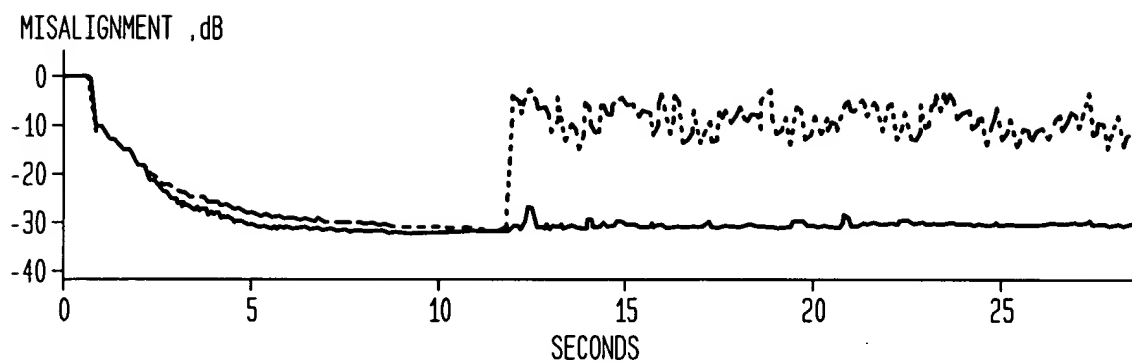


*FIG. 27C*

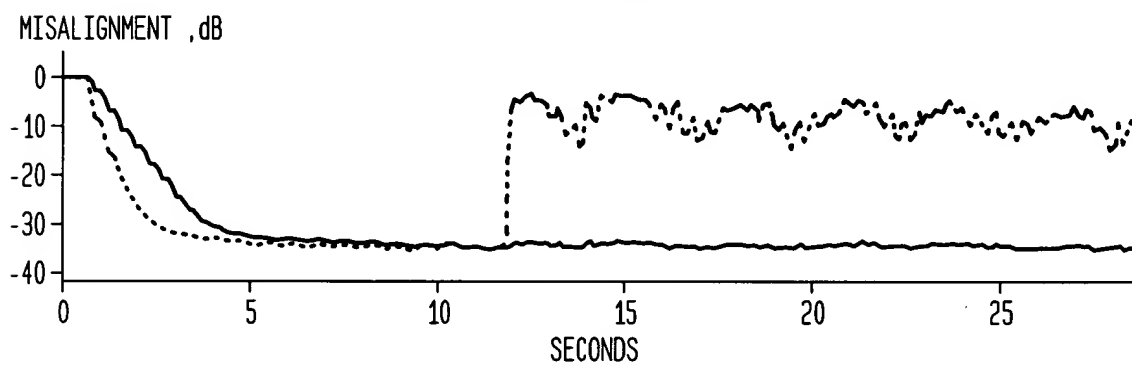


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*FIG. 28A*



*FIG. 28B*



*FIG. 28C*

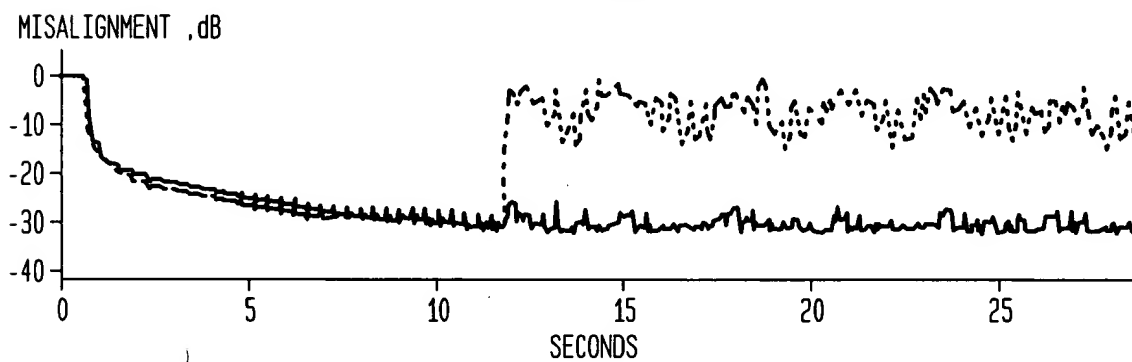


FIG. 29A

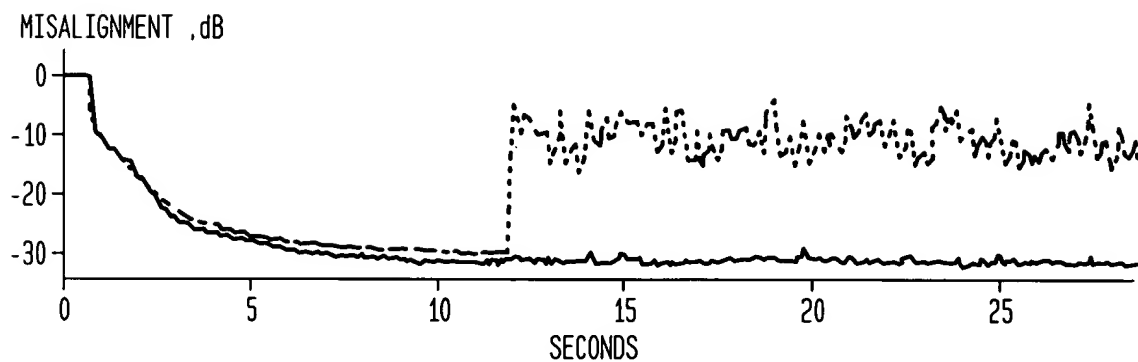


FIG. 29B

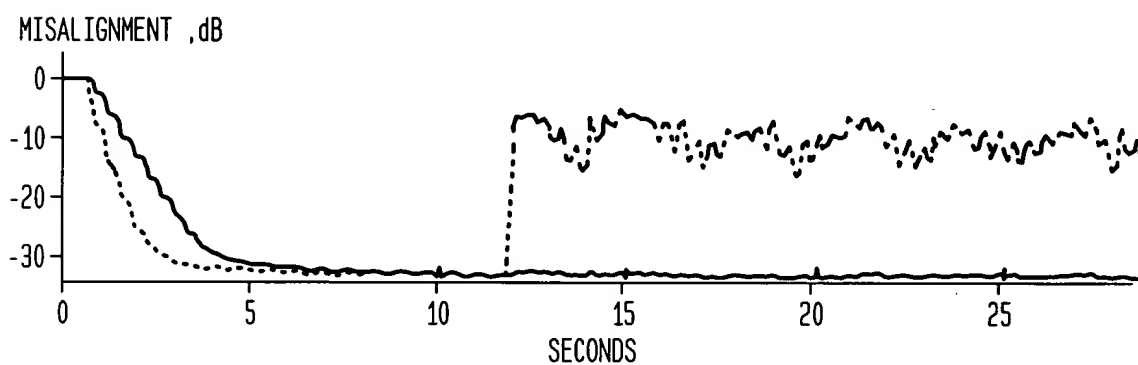
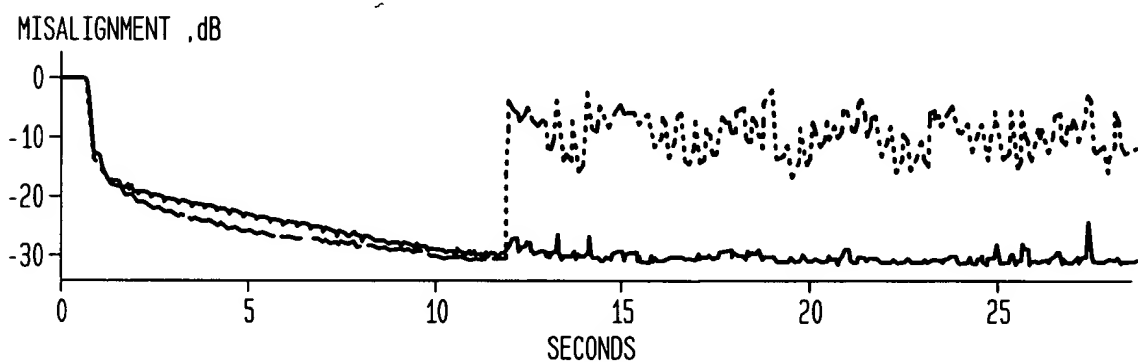
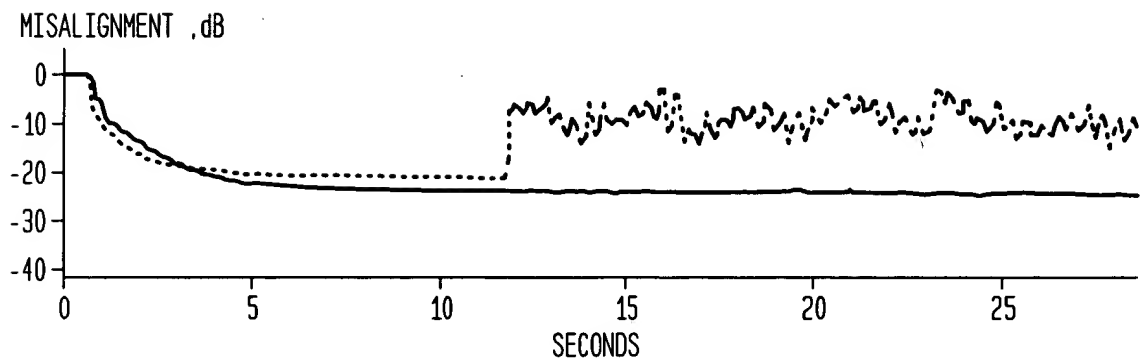


FIG. 29C

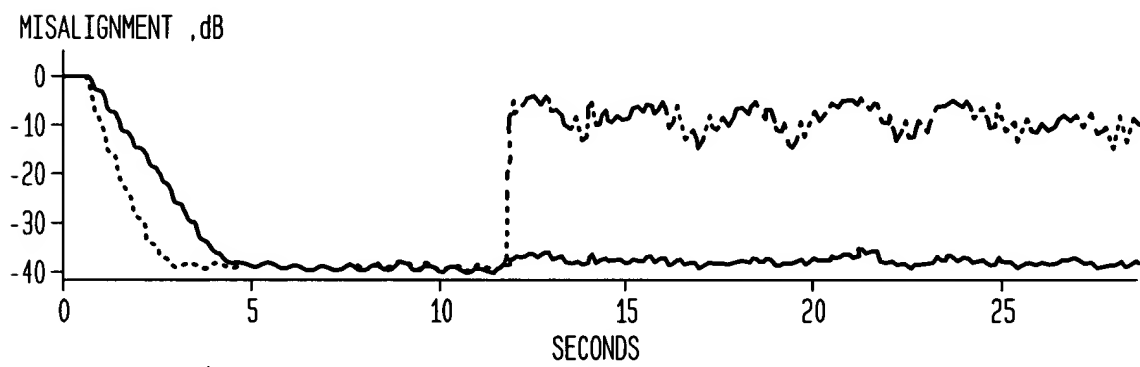


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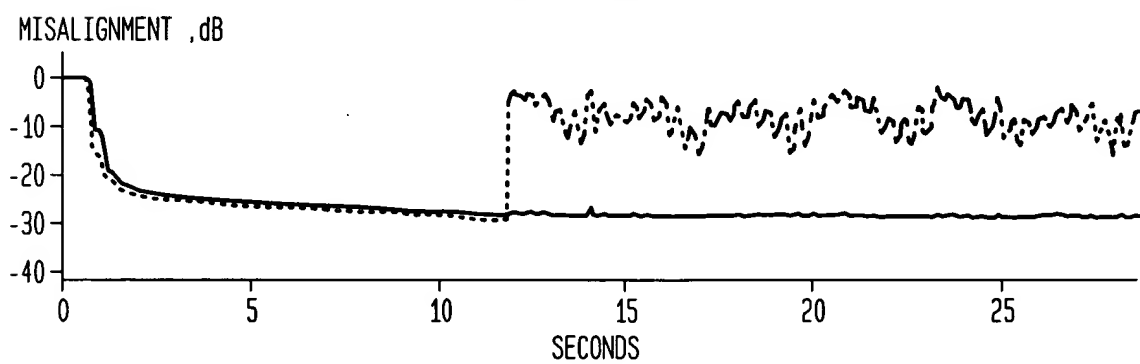
*FIG. 30A*



*FIG. 30B*



*FIG. 30C*



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FIG. 31A

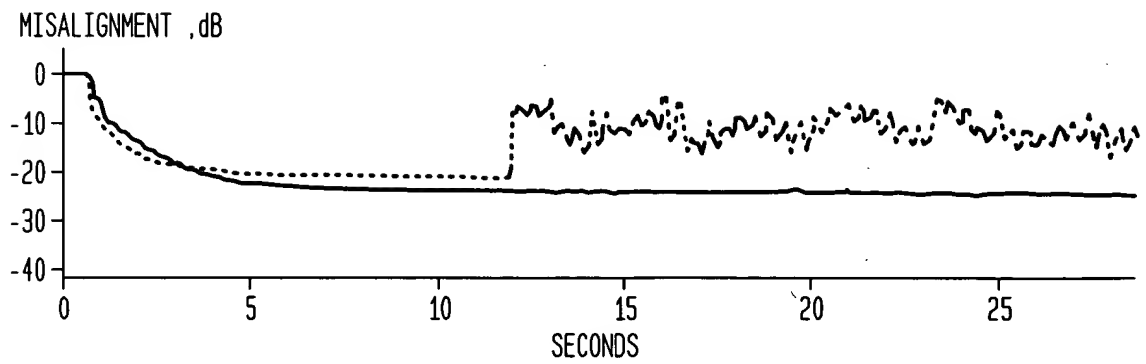


FIG. 31B

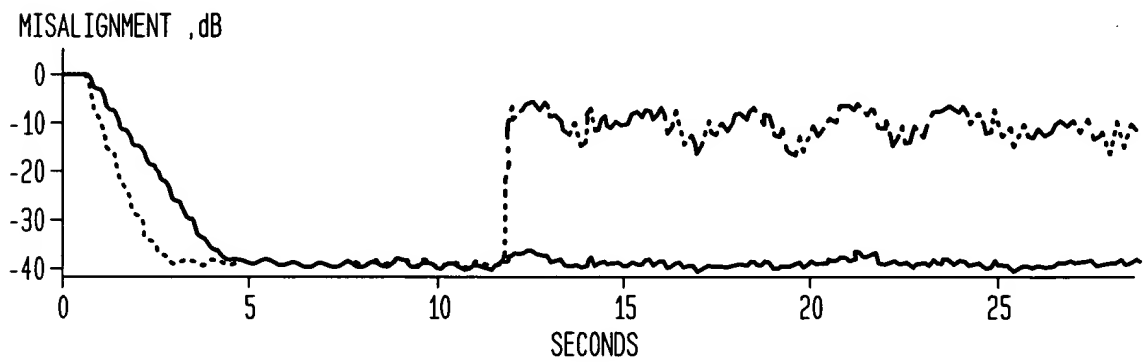


FIG. 31C

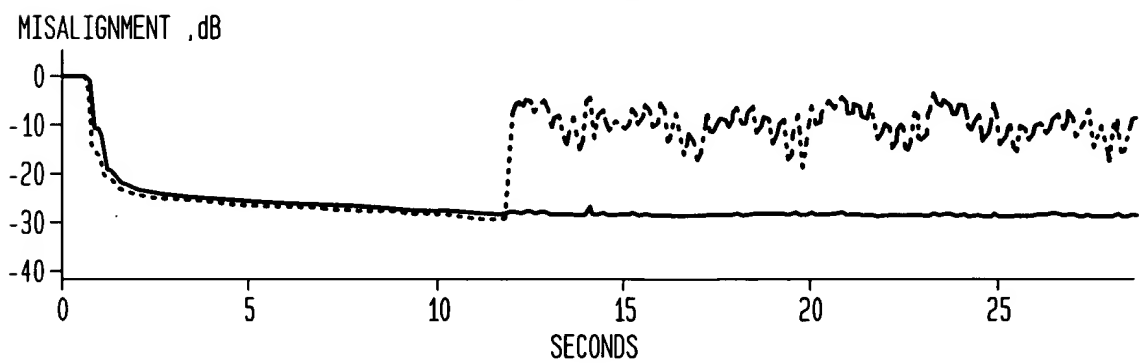


FIG. 32A

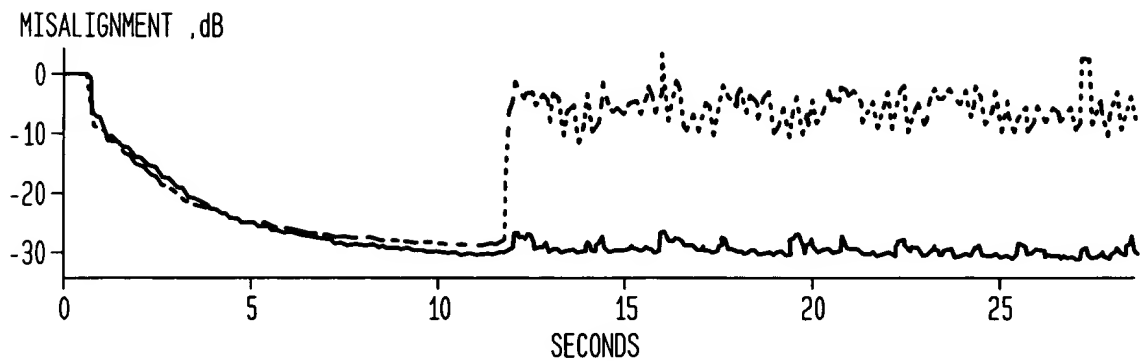


FIG. 32B

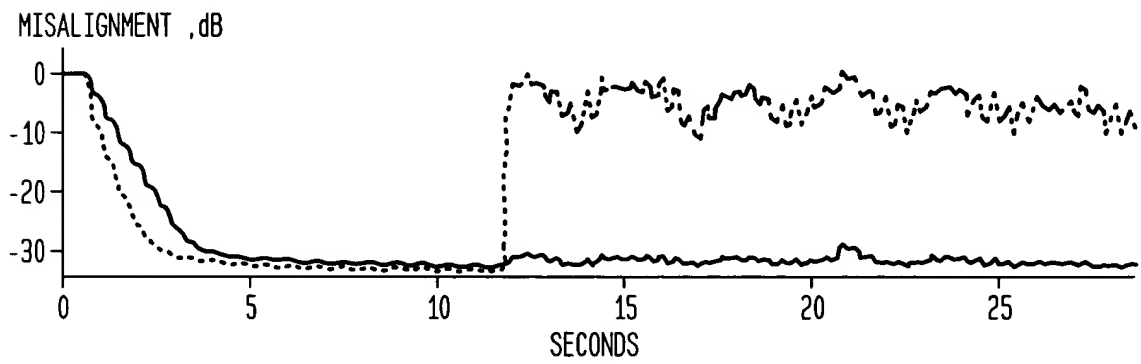
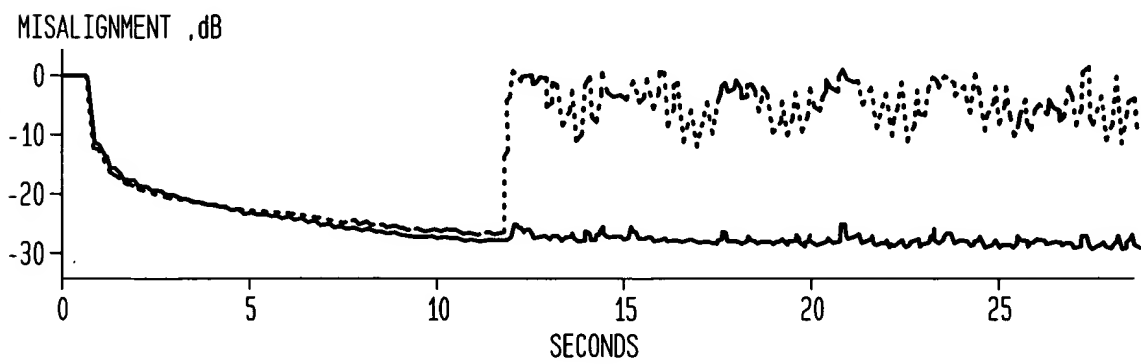


FIG. 32C



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- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

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